

AUG 23 2005

Simmons, Perrine, Albright & Ellwood, P.L.C.**Attorneys and Counselors
Cedar Rapids and Iowa City**■ 115 Third Street SE, Suite 1200
Cedar Rapids, Iowa 52401-1266
Telephone: (319) 366-7641
Fax: (319) 366-1917□ 22 South Linn Street
Third Floor Tower Place
Iowa City, IA 52240
Telephone: (319) 887-1368
Fax: (319) 887-1372Darrel A. Morf
James E. Shipman
Stephen J. Holtman
Iris E. Muchmore
Gregory M. Lederer
James A. Gerk
Roger W. Stone
David A. Hacker
David W. Kubicek
Matthew J. Brandes
James M. Peters
Leonard T. Strand
Mark H. Ogden
Webb L. Wamser
Mark A. Roberts
Chad M. VonKampenGregory G. Williams
Nicolas Abou-Assaly
Allison M. Heffern
Lynn W. Hartman
Kathleen A. Kleiman
Paul P. Morf
Philip A. Burian
Michael F. Williams
Christine L. Conover
Elizabeth V. Croco
Patsy A. Thimning
David C. Kutcher
Jason M. Steffens
Lorie Refno-Schwartz
Richard G. Etkeman,
CounselHaven Y. Simmons (1888-1973)
Beah T. Perrine (1902-1989)
William P. Ellwood (1909-1998)
Justin W. Albright (1908-2004)REGISTERED PATENT
ATTORNEYS
Gregory G. Williams
Michael F. WilliamsOF COUNSEL
James R. Snyder
Robert M. JilekRETIRED
John R. CarpenterAlso licensed to practice in:
1 Illinois 2 Wisconsin 3 Missouri**FACSIMILE INFORMATION SHEET**

DATE: August 23, 2005

TIME: 10:51pm Central Time

CONFIDENTIALITY NOTICE: The information contained in this facsimile message and the documents accompanying this facsimile message are attorney privileged and confidential information intended for the use of the individual or entity named below. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us at the above address via the U.S. Postal Service. We will guarantee postage.**THE FOLLOWING PAGES ARE FOR**

NAME OF EXAMINER:

Diane I. Lee

GROUP ART UNIT:

2876

NAME OF AGENCY:

U.S. Patent and Trademark Office

FACSIMILE (FAX) NO.

571-273-8300

EXAMINER'S TELEPHONE NO.

571-272-2399

TRANSMITTING PARTY:

Mr. Mike Williams

FIRM:

Simmons, Perrine, Albright & Ellwood, P.L.C.

TOTAL NUMBER OF PAGES

(including this two page cover sheet):

26 Pages

IF PROBLEMS WITH

TRANSMITTAL CONTACT:

Mickala Anderson (319-366-7641, ext. 217)

RE:

U.S. Patent Application No. 10/623,484**(Attorney Docket No. INT-CR-202-04)****AMENDMENT AND RESPONSE TO OFFICE ACTION**

These pages are being transmitted to Examiner Diane I. Lee for filing in Application No. 10/623,484.

Thank you.

Received
out of 26

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

RECEIVED
CENTRAL FAX CENTER

AUG 23 2005

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

IN RE APPLICATION OF:) **GROUP ART UNIT: 2876**
Richard J. Mahany, et al.) **EXAMINER: Diane I. Lee**
APPLICATION NO.: 10/623,484) **DOCKET REF.: INT-CR-202-04**
FILED: July 18, 2003) **SUBMITTED: August 23, 2005**
FOR: Indicator for Communicating System Status Information

**AMENDMENT AND RESPONSE
TO OFFICE ACTION**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of March 23, 2005, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of the claims that begins on page 3 of this paper.

General Authorization Under 37 CFR 1.136(a)(3) appears on page 17 of this paper.

Remarks begin on page 18 of this paper.

An **Appendix** including the new abstract is attached as the last (unnumbered) page of this paper.

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

Amendments to the Specification:

Please delete the one paragraph Abstract appearing on page 61 of the specification, and replace it with the following new Abstract paragraph:

A method and apparatus for indicating device and system readiness to a user. An indicator is located on one or more devices of a data-handling system. The state of the indicator communicates the status of the device or system. The indicator can be standardized across two or more devices of the data-handling system. The indicator can include a single element or multiple elements.

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in this application:

Listing of Claims

Claim 1 (currently amended): A data handling system, comprising:

a first data handling device, comprising a housing and a first communication component;

a second data handling device, comprising a second communication component capable of communicating with said first communication component;

[[and]]

a first readiness light, located on said housing of said first data handling device;

a second readiness light, located on said second data handling device; and

wherein said first readiness light and said second readiness light signals whether the data handling system is ready for use.

Claim 2 (original): The data handling system according to claim 1, wherein said first data handling device comprises a portable data collection device having a visual display component and a user-input component.

Claim 3 (original): The data handling system according to claim 2, wherein said user-input component comprises a touch screen.

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

Claim 17 (original): The data handling system according to claim 1, wherein said first readiness light is made to blink to indicate readiness status.

Claim 18 (original): The data handling system according to claim 1, wherein said first readiness light is made to change color to indicate readiness status.

Claim 19 (original): The data handling system according to claim 1, wherein said first readiness light is essentially continuously illuminated to signal that the data handling system is functioning properly.

Claim 20 (original): The data handling system according to claim 1, wherein said first data handling device must be successfully powered up and booted up before said first readiness light will indicate that the data handling system is ready for use.

Claim 21 (original): The data handling system according to claim 20, wherein communication between said first communication component and said second communication component must be established before said first readiness light will indicate that the data handling system is ready for use.

Claim 22 (original): The data handling system according to claim 1, wherein said first readiness light provides an indication of network connectivity.

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

Claim 23 (original): The data handling system according to claim 20, wherein a peripheral component must be operational and detected before said first readiness light will indicate that the data handling system is ready for use.

Claim 24 (original): The data handling system according to claim 20, wherein a properly functioning remotely-located device of the system must be detected before said first readiness light will indicate that the data handling system is ready for use.

Claim 25 (currently amended): A computerized device for a multi-device data handling system, comprising:

a housing;

a computerized processing system, located in said housing;

a memory component, located in said housing and coupled with said computerized processing system;

a user input component, supported by said housing;

a device readiness light, located on said housing, to signal whether the computerized device and the multi-device data handling system is ready for use;

and

a diagnostic routine, stored in said memory component, to determine whether the multi-device data handling system has successfully completed a setup sequence;

wherein said diagnostic routine signals results via said device readiness light.

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

Claim 26 (original): The computerized device of claim 25, wherein said device readiness light comprises a single light.

Claim 27 (original): The computerized device of claim 25, wherein said device readiness light comprises a plurality of lights.

Claim 28 (original): The computerized device of claim 25, wherein said device readiness light is made to blink to indicate readiness status.

Claim 29 (original): The computerized device of claim 25, wherein said device readiness light is essentially continuously illuminated to signal that the data handling system is functioning properly.

Claim 30 (original): The computerized device of claim 25, wherein the computerized device must be successfully booted up before said device readiness light will indicate that the computerized device is ready for use.

Claim 31 (original): The computerized device of claim 30, wherein communication between the computerized and remotely-located device must be established before said device readiness light will indicate that the computerized device is ready for use.

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

Claim 32 (original): The computerized device of claim 25, wherein said device readiness light provides an indication of network connectivity.

Claim 33 (original): The computerized device of claim 30, wherein a peripheral component of the computerized device must be operational and detected before said device readiness light will indicate that the computerized device is ready for use.

Claim 34 (original): The computerized device of claim 31, wherein a properly functioning remotely-located device must be detected before said device readiness light will indicate that the computerized device is ready for use.

Claim 35 (original): The computerized device of claim 25, wherein the computerized device comprises a portable data collection device having a visual display component.

Claim 36 (original): The computerized device of claim 25, wherein said user-input component comprises a touch screen.

Claim 37 (original): The computerized device of claim 25, wherein said user-input component comprises a digitizer screen.

Claim 38 (original): The computerized device of claim 25, wherein said user-input component comprises a keyboard.

9

~~device is a wireless access point.~~

Claim 42 (original): The computerized device of claim 25, wherein computerized device is an optical indicia reader.

Claim 43 (original): The computerized device of claim 25, wherein the computerized device comprises a radio frequency identification tag reader.

Claim 44 (original): The computerized device of claim 25, wherein the computerized device comprises a personal computer.

Claim 45 (original): The computerized device of claim 25, wherein said diagnostic routine is initiated from said user-input component.

BEST AVAILABLE COPY

10

BEST AVAILABLE COPY

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

Claim 46 (original): The computerized device of claim 25, further comprising a plurality of different diagnostic routines, each different diagnostic routine designed to check for a different problem.

Claim 47 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of a data collection system of the computerized device.

Claim 48 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of an application software component of the computerized device.

Claim 49 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of a wireless security credential of the computerized device.

Claim 50 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of connectivity of the computerized device with an access point.

Claim 51 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of an access point serving the computerized device.

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

Claim 71 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of an access point serving the computerized device.

Claim 72 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of a host computer system serving the computerized device.

Claim 73 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of a printer device serving the computerized device.

Claim 74 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of a peripheral component of the computerized device.

Claim 75 (currently amended): A computerized device for a multi-device data handling system, comprising:

means for housing the computerized device;

means for processing computer instructions, located in said means for housing;

means for storing information, located in said means for housing and coupled with said means for processing computer instructions;

means for inputting information from a user, supported by said means for housing;

means for indicating readiness of the computerized device, located on said means for housing; and

15

collection [handling] device;

a second status indicator, located on said second portable data collection

device;

wherein said first status indicator and said second status indicator signals whether the data handling system is ready for use.

16

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

BEST AVAILABLE COPY